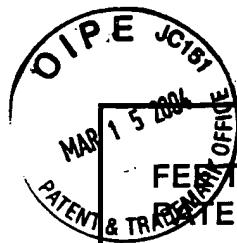


HAMILTON, BROOK, SMITH & REYNOLDS, P.C.



FEE TRANSMITTAL FOR PATENT APPLICATIONS	Attorney Docket Number	3336.1008-002
	Application Number	10/665,726
	First Named Inventor	Foster D. Hinshaw

CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (i))	21 - 20* =	1	x \$ 18 =	\$ 18
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	2 - 3** =	0	x \$ 86 =	\$ 0
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 290 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 770
			Total of above Calculations =		\$ 788
			Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =		\$
			TOTAL =		\$ 788
			Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =		\$ 130
			Petition for Extension of Time Fee (37 C.F.R. 1.17) =		\$ 110
			Assignment Recordation Fee = (only when filed with application)		\$
			[Other]		\$
	* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent			TOTAL =	\$ 1028

1. Small entity status:

- a. A small entity statement is enclosed.
- b. A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c. Is no longer claimed.

2. A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. A check is enclosed for \$1028.00. Please charge \$[] to Deposit Account No. 08-0380.

4. Other: _____

Signature		Date	3/11/04
Submitted by Typed or Printed Name	David J. Thibodeau, Jr.	Reg. Number	31,671



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Foster D. Hinshaw, Raymond A. Andraka, David L. Meyers, Sharon L. Miller and William K. Stewart

Application No.: 10/665,726 Group Art Unit: 2171

Filed: September 18, 2003 Examiner: Not assigned

Confirmation No.: 4680

Title: FIELD ORIENTED PIPELINE ARCHITECTURE FOR A PROGRAMMABLE DATA STREAMING PROCESSOR

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

3/11/04 Patricia Sullivan
Date Signature
Patricia Sullivan
Typed or printed name of person signing certificate

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

[] under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

[X] under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

[] under 37 CFR 1.97(c) together with either:

[] a Statement under 37 CFR 1.97(e), as checked below, or

[] a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

[] under 37 CFR 1.97(d) together with:

[] a Statement under 37 CFR 1.97(e), as checked below, and

[] a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

[] under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- [] Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- [] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- [] Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

[X] Enclosed herewith is form PTO-1449:

- [X] Copies of the cited references are enclosed.
- [] Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
- [] Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- [X] The listed references were cited in the enclosed International Search Report in a counterpart foreign application. (AK-AA2, AD2, AB3, AC3 and AE3)
- [] The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:
 - [] the explanation provided on the attached sheet.
 - [] the explanation provided in the Specification.
 - [] submission of the enclosed International Search Report.
 - [] submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - [] the enclosed English language abstract.

[] Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

[] A copy of each above-cited application, including the current claims, is enclosed.
[] A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

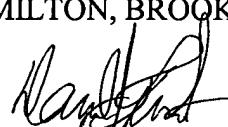
Method of payment:

[] A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
[] Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.
[X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By _____


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Concord, MA 01742-9133

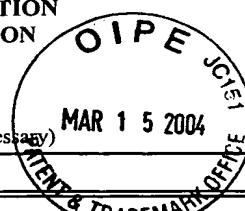
Dated: 3/11/04

PTO-1449 REPRODUCED

**SUPPLEMENTAL INFORMATION
DISCLOSURE CITATION
IN AN APPLICATION**

March 11, 2004

(Use several sheets if necessary)

ATTORNEY DOCKET NO.
3336.1008-002APPLICATION NO.
10/665,726FIRST NAMED INVENTOR
Foster D. HinshawFILING DATE
9/18/03EXAMINER
Not assignedCONFIRMATION NO.
4680GROUP
2171

U.S. PATENT DOCUMENTS				
EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AK	4,594,655	06/10/1986	Hao <i>et al.</i>
	AA2	4,811,214	03/07/1989	Nosenchuck <i>et al.</i>
	AB2	5,884,299	03/16/1999	Ramesh <i>et al.</i>
	AC2	5,937,401	08/10/1999	Hillegas
	AD2	5,937,415	08/10/19999	Sheffield, <i>et al.</i>
	AE2	5,999,937	12/07/1999	Ellard
	AF2	6,138,118	10/24/2000	Koppstein <i>et al.</i>
	AG2	6,339,772 B1	01/15/2002	Klein <i>et al.</i>
	AH2	6,415,373 B1	07/02/2002	Peters, <i>et al.</i>
	AI2	6,493,701 B2	12/10/2002	Ponnekanti
	AJ2	6,507,834 B1	01/14/2003	Kabra <i>et al.</i>
	AK2	6,542,508 B1	04/01/2003	Lin
	AA3	6,542,886 B1	04/01/2003	Chadhuri <i>et al.</i>
	AB3	US 2001/0036322 A1	11/01/2001	Bloomfield <i>et al.</i>
	AC3	US 2002/0095400 A1	07/18/2002	Johnson <i>et al.</i>
	AD3	US 2002/0161748 A1	10/31/2002	Hamel <i>et al</i>
	AE3	US 2002/0128823 A1	09/12/2002	Kovacevic
	AF3	US 2002/0038313 A1	03/28/2002	Klein <i>et al.</i>

EXAMINER

DATE CONSIDERED